

# APPLIED MATHEMATICS AND COMPUTATION

VOLUME 68

S. R. GRACE	
Oscillations of Mixed Neutral Functional Differential Equations .....	1
A. M. A. EL-SAYED AND A. G. IBRAHIM	
Multivalued Fractional Differential Equations .....	15
K. SELVAKUMAR	
A Computational Procedure for Solving a Chemical Flow Reactor Problem Using Shooting Method .....	27
T. N. T. GOODMAN, H. B. SAID, AND L. H. T. CHANG	
Local Derivative Estimation for Scattered Data Interpolation .....	41
MOU-HSIUNG CHANG	
On Duality between Estimation and Control for Linear Stochastic Functional Evolution Equations in Hilbert Spaces .....	51
L. V. KALACHEV AND R. M. M. MATTHEIJ	
On Optimally Scaled Systems for Second-Order Scalar Singularly Perturbed Problems .....	71
DRUMI BAINOV, ZDZISLAW KAMONT, AND EMIL MINCHEV	
Periodic Boundary Value Problem for Impulsive Hyperbolic Partial Differential Equations of First Order .....	95
F. M. HADY	
Mixed Convection Boundary-Layer Flow of Non-Newtonian Fluids on a Horizontal Plate .....	105
A. M. ABD-ALLA	
Thermal Stress in a Transversely Isotropic Circular Cylinder Due to an Instantaneous Heat Source .....	113

(Continued)

MOHAN K. KADALBAJOO AND A. APPAJI RAO	
The Alternating Group Explicit (AGE) Method for Singularly Perturbed Boundary Value Problems .....	125
SHAO-MING WANG	
A Quadratic Spline Structure over Triangulations .....	143
MING-PO CHEN AND H. M. SRIVASTAVA	
Orthogonality Relations and Generating Functions for Jacobi Polynomials and Related Hypergeometric Functions .....	153
M. RAZZACHI, A. ARABSHAHI, AND S. F. D. LIN	
Identification of Nonlinear Differential Equations via Fourier Series Operational Matrix for Repeated Integration .....	189
A. R. MILLER AND H. M. SRIVASTAVA	
Further Reducible Cases of Certain Kampé de Fériet Functions Associated with Incomplete Integrals of Cylindrical Functions .....	199
NIKOLAOS S. PAPAGEORGIOU	
Minimax Control of Nonlinear Evolution Equations .....	217

